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Titolo	Climate change in Southeast Asia and the Pacific Islands / / Jeremy I. Gilbert, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61324-406-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (172 p.)
Collana	Climate change and its causes, effects and prediction
Altri autori (Persone)	GilbertJeremy I
Disciplina	363.738/740959
Soggetti	Climatic changes - Southeast Asia Climatic changes - Islands of the Pacific Southeast Asia Environmental conditions Islands of the Pacific Environmental conditions
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- CLIMATE CHANGE IN SOUTHEAST ASIA AND THE PACIFIC ISLANDS -- CLIMATE CHANGE IN SOUTHEAST ASIA AND THE PACIFIC ISLANDS -- CONTENTS -- PREFACE -- Chapter 1 SOUTHEAST ASIA AND PACIFIC ISLANDS: THE IMPACT OF CLIMATE CHANGE TO 2030- A COMMISSIONED RESEARCH REPORT* -- SCOPE NOTE -- EXECUTIVE SUMMARY -- INTRODUCTION AND BACKGROUND -- Projected Regional Climate Change -- Current Climatology of Southeast Asia -- Climate Predictions (Modeling) -- Projections of Future Changes in Temperature and Precipitation -- Projections of Future Changes in Monsoons and ENSO -- Projections of Future Changes in Water Resources --

Projections of Future Changes in Sea Level -- Projections of Future Changes in River Delta Flooding and Salinity Intrusion -- Impacts of Climate Change on Human and Natural Systems -- Impacts of Sea Level Rise -- Impacts on River Deltas -- Impacts of Natural Disasters -- Impacts on Water Resources -- Impacts on Agriculture -- Impacts on Forests and Biodiversity -- Impacts on Coastal Ecosystems -- Impacts on Coral Reefs -- Impacts on Diseases and Human Health -- Impacts on Electricity Demand in Urban Areas -- Impacts on Human Livelihoods and Infrastructure -- Adaptive Capacity -- The Adaptive Capacity of Southeast Asia in a Global Context -- Human and Civic Resources -- Economic Capacity -- Environmental Capacity -- Strengths and Weaknesses in Adaptive Capacity Assessments -- Specific Adaptive Capacity Considerations for Southeast Asia -- Summary of Possible Adaptive Strategies for Climate Change in Southeast Asia -- Disasters and Emergency Management -- Water Resources -- Agriculture -- Forests and Biodiversity -- Coastal Communities -- Public Health -- Conclusions: High-Risk Impacts -- Sea Level Rise -- Water Resources -- Agriculture -- Coastal Regions -- ANNEX A. ACCURACY OF REGIONAL MODELS.

11.4.2. Skill of Models in Simulating Present Climate -- Southeast Asia -- ANNEX B. KNOWLEDGE DEFICIENCIES THAT PRECLUDE A FULL EVALUATION OF CLIMATE CHANGE IMPACTS IN SOUTHEAST ASIA AND SOUTHEAST ASIA'S ADAPTIVE STRATEGIES -- End Notes -- Chapter 2 SOUTHEAST ASIA: THE IMPACT OF CLIMATE CHANGE TO 2030: GEOPOLITICAL IMPLICATIONS* -- SCOPE NOTE -- EXECUTIVE SUMMARY -- INTRODUCTION AND BACKGROUND 1 -- Social, Political, and Economic Challenges -- Agricultural Challenges -- Coastal and Maritime Challenges -- Hydrologic Challenges -- Demographic and Public Health Challenges -- Economic Challenges -- Civil and Key Interest Group Responses -- Interest Groups in Civil Society -- Internal Migration -- Prospects for Civil Conflict -- State Responses -- State Decisionmaking -- Political Responses to Climate Change -- State Capacity -- Climate Change Mitigation Policies -- Prospects for State Failure -- Regional Implications -- Prospects for Regional Climate Change Cooperation -- China's Role in Southeast Asia -- Regional Migration -- Prospects for Regional Conflict -- Maritime Disputes -- The Mekong River -- Broader Regional Implications -- Overall Foreign Policy Implications -- Southeast Asia and Global Climate Change Policy -- The Role of the United States in Southeast Asia -- US Engagement on Climate Change in Southeast Asia -- The Copenhagen Negotiations -- End Notes -- INDEX -- Blank Page.

Sommario/riassunto

Identifies and summarises research related to the effects of climate change in Southeast Asia and the Pacific Islands. This book discusses impacts such as sea level rise, water supply and demand, agricultural shifts, ecological disruptions and species extinctions, as well as infrastructures at risk from extreme weather events and disease patterns.
